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 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/692,681	10/18/2000	Hui Liu	005158.P003

Michael J. Mallie
 BLAKLEY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 12400 Wilshire Boulevard 7th Floor
 Los Angeles, CA 90025

FORMALITIES LETTER



OC000000005607506



Date Mailed: 12/08/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

[Signature]
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/13/2001 CNGUYEN 00000050 09692681

01 FC:105

130.00 OP

005158.P003

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Hui Liu, et al.

Serial No.; 09/692,681

Filed: October 18, 2000

For: CHANNEL ALLOCATION IN BROADBAND
ORTHOGONAL FREQUENCY-DIVISION
MULTIPLE-ACCESS/SPACE DIVISION
MULTIPLE-ACCESS NETWORKS



) Art Unit: 2661
)
) Examiner: Not yet
) assigned
)
)

Assistant Commissioner for Patents
Box Missing Parts
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION
(FILING DATE GRANTED)

Sir:

In response to the Notice to File Missing parts of Application (Filing Date Granted) mailed December 8, 2000, please find enclosed:

- (1) a duly executed Declaration and Power of Attorney with respect to the above-referenced patent application;
- (2) a check in the amount of \$130.00 in payment of the surcharge of 37 C.F.R. § 1.16(e);
- (3) a copy of the Notice to File Missing Parts of Application;
- (4) a Petition for a one month extension of time under 37 C.F.R. § 1.136(a); and

03/13/2001 CMGUYEN 00000050 09692681

02 FC:115

-110.00 0P-

(5) a check in the amount of \$110.00 in payment of the extension of time fee.

If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this Response is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: March 8, 2001


Michael J. Mallie
Reg. No. 36,591

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8598

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on 3/8/01 Date of Deposit
Mara E. Brown Name of Person Mailing Correspondence
Mara E. Brown Signature 3/8/01 Date

Section
8**FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$) 240.00

Complete if Known:

Application No. 09/692,681Filing Date October 18, 2000First Named Inventor Hui Liu, et al.Group Art Unit 2661Examiner Name Not yet assignedAttorney Docket No. 005158.P003**METHOD OF PAYMENT** (check one)

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Credit Card
 Money Order
 Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	
Code	Fee	Code	
101	710	201	Utility application filing fee
106	320	206	Design application filing fee
107	490	207	Plant filing fee
108	710	208	Reissue filing fee
114	150	214	Provisional application filing fee

SUBTOTAL (1) \$ 0**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims	- 20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity**Small Entity**

Fee	Fee	Fee	Fee	Fee Description
Code	Fee	Code	Fee	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	<u>130.00</u>
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	<u>110.00</u>
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
195	300	195	300	Publication fee for early, voluntary, or normal publication	
196	300	196	300	Publication fee for republication	
194	130	194	130	Request for voluntary publication or republication	
098	130	098	130	Processing fee under 37 CFR 1.17(i)	
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 240.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael J. Mallie

Signature:  Date: March 8, 2001

Reg. Number: 36,591 Telephone Number: 408-720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on March 8, 2001

Date of Deposit

Mara E. Brown

Name of Person Mailing Correspondence

Mara E. Brown

3/8/01

Signature

Date

Serial/Patent No.: 09/692,681 Filing/Issue Date: 10/18/2000
Client: Broadstorm Telecommunications
Title: CHANNEL ALLOCATION IN BROADBAND ORTHOGONAL FREQUENCY-DIVISION MULTIPLE-ACCESS/SPACE DIVISION MULTIPLE-ACCESS...
BSTZ File No.: 005158.P003 Atty/Secty Initials: MJM/mzb
Date Mailed: 03/08/2001 Docket Due Date: 02/08/2001

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (pgs.) Express Mail No: _____
 Appeal Brief (pgs.) (in triplicate) one Month(s) Extension of Time Check No 41368
 Application - Utility (pgs., with cover and abstract) Information Disclosure Statement & PTO-149 (pgs.) Amt: \$ 130.00
 Application - Rule 1.53(b) Continuation (pgs.) Issue Fee Transmittal Check No 41369
 Application - Rule 1.53(b) Divisional (pgs.) Notice of Appeal Amt: 110.00
 Application - Rule 1.53(b) CIP (pgs.) Petition for Extension of Time
 Application - Rule 1.53(d) CPA Transmittal (pgs.) Petition for _____
 Application - Design (pgs.) Postcard
 Application - PCT (pgs.) Power of Attorney (pgs.)
 Application - Provisional (pgs.) Preliminary Amendment (pgs.)
 Assignment and Cover Sheet Reply Brief (pgs.)
 Certificate of Mailing Response to Notice of Missing Parts
 Declaration & POA (pgs.) **(signed)** Small Entity Declaration for Indep. Inventor/Small Business
 Disclosure Docs & Org & Cpy of Inven&Sgn Ltr (pgs.) Transmittal Letter, in duplicate
 Drawings: # of sheets includes figures Fee Transmittal, in duplicate

Other: Notice to File Missing Parts Copy.